

STN

10/666, 187

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(FILE 'HOME' ENTERED AT 15:41:24 ON 11 JUN 2005)

FILE 'CA' ENTERED AT 15:41:32 ON 11 JUN 2005

L1        2956 S (MICROCRYST? WAX? OR AMBER WAX? OR ANTILUX OR BOWAX OR CEREWA  
L2        392777 S (PARAFFIN? OR ALKANE# OR PENTANE OR HEXANE OR HEPTANE OR OCTA  
L3        361962 S (PETROLEUM SOLVENT# OR MINERAL SPIRIT# OR XYLENE OR TOLUENE O  
L4        157 S L1 AND L2 AND L3  
L5        2 S L4 AND (REMOV? OR HAND) (P) PAINT#  
L6        10 S L4 AND (SURFACTANT# OR SURFACE ACTIVE OR ANIONIC OR NONIONIC)  
L7        1 S L4 AND ALOE  
L8        1 S L7 AND EUCALYPTUS  
L9        1 S L7 AND PUMICE

FILE 'USPATFULL' ENTERED AT 16:29:29 ON 11 JUN 2005

L10       98 S L5  
L11       10 S L10 AND (ALOE OR EUCALYPTUS OR PUMICE)  
L12       172 S L4 AND ALOE  
L13       32 S L12 AND EUCALYPTUS  
L14       3 S L13 AND PUMICE

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=> s 11 and 12 and 13  
L4 157 L1 AND L2 AND L3

=> s 14 and (remov? or hand) (p)paint#  
1110213 REMOV?  
165730 HAND  
70638 PAINT#  
L5 5412 (REMOV? OR HAND) (P)PAINT#  
2 L4 AND (REMOV? OR HAND) (P)PAINT#

=> d 1-2 15 ti

L5 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN  
TI Paraffin composition for removing paint from  
hands

L5 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN  
TI Surface-protecting films for automobile bodies

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5412 (REMOV? OR HAND) (P) PAINT#

L5 2 L4 AND (REMOV? OR HAND) (P) PAINT#

=> d 1-2 15 ti

L5 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

TI Paraffin composition for removing paint from  
hands

L5 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN

TI Surface-protecting films for automobile bodies

=> d 1-2 15

L5 ANSWER 1 OF 2 CA COPYRIGHT 2005 ACS on STN

AN 140:275774 CA

TI Paraffin composition for removing paint from  
hands

IN McCammon, Donald L.

PA USA

SO U.S. Pat. Appl. Publ., 4 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004063594	A1	20040401	US 2003-666187	20030917
PRAI	US 2002-414038P	P	20020927		

L5 ANSWER 2 OF 2 CA COPYRIGHT 2005 ACS on STN

AN 102:168394 CA

TI Surface-protecting films for automobile bodies

PA Dainippon Ink and Chemicals, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59172561	A2	19840929	JP 1983-45911	19830322
PRAI	JP 1983-45911		19830322		

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L4 ANSWER 23 OF 157 CA COPYRIGHT 2005 ACS on STN  
AN 118:256737 CA  
ED Entered STN: 26 Jun 1993  
TI Rustproof under coating materials for vehicles  
IN Fujita, Giichi  
PA Mitsubishi Motors Corp., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM C23F011-00  
CC 42-10 (Coatings, Inks, and Related Products)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04354888	A2	19921209	JP 1991-130065	19910531
PRAI	JP 1991-130065			19910531	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 04354888	ICM	C23F011-00

AB Coating materials resistant to chipping and steam-kerosine contained 2-10% fluororesins and conventional components. Thus, an undercoating material contained a **microcryst. wax** 15, a **paraffin** wax 12, fatty acid metal salts 6, petroleum sulfonates 9, a fluororesin 2, mineral oil 6, carbon black 0.5, and **mineral spirit** 49.5%.

ST fluoropolymer rustproof undercoating vehicle; chipping rustproof undercoating vehicle

IT Rust (iron oxide)  
RL: USES (Uses)  
(prevention of formation of, undercoatings containing fluororesins for, for vehicles)

IT Vehicles  
(undercoatings for, containing fluororesins, chipping-resistant and rustproofing)

IT Fluoropolymers  
RL: USES (Uses)  
(undercoatings, rustproofing and chipping-resistant, for vehicles)

IT Coating materials  
(anticorrosive, chipping-resistant, containing fluoropolymers, for vehicles)

IT 1332-37-2P  
RL: PREP (Preparation)  
(rust, prevention of formation of, undercoatings containing fluororesins for, for vehicles)

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L4 ANSWER 28 OF 157 CA COPYRIGHT 2005 ACS on STN

AN 114:45200 CA

ED Entered STN: 09 Feb 1991

TI Solvent-based anhydrous liquid waxes

IN Polart, Jean Paul; Salaun, Nadine

PA Tensia S. A., Fr.

SO Fr. Demande, 13 pp.

CODEN: FRXXBL

DT Patent

LA French

IC ICM C09G001-08

CC 42-11 (Coatings, Inks, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2640277	A1	19900615	FR 1988-16157	19881208
	FR 2640277	B1	19940708		
PRAI	FR 1988-16157			19881208	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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FR 2640277	ICM	C09G001-08
FR 2640277	ECLA	C09G001/08

AB The title compns. contain solns. of waxes in organic solvents and nonthioxotropic fluidizing agents. A suitable composition contains Wax OM (a wax ester, m.p. 86-93°, acid number 20-30°, saponification number 105-125) 6.0, **microcryst. wax** (Microflex M4, m.p. 72°) 1.0, Wax FL (wax ester, m.p. 95-105°, saponification number 80-100, acid number 35-45) 3.0, **paraffin wax** (m.p. 54-56°) 6.0, oleic acid 0.9, turpentine 25.0, and **mineral spirits** 58.1 g.

ST wax liq anhyd; **microcryst wax** liq anhyd;

**paraffin wax** liq anhyd; ester wax liq anhyd

IT Beeswax

Carnauba wax

Candelilla wax

Montan wax

**Paraffin waxes and Hydrocarbon waxes, uses and miscellaneous**

RL: USES (Uses)

(in anhydrous liquid wax compns.)

IT Polishing materials

(liquid wax compns., anhydrous, formulation of)

IT **Paraffin waxes and Hydrocarbon waxes, uses and miscellaneous**

RL: USES (Uses)

(microcryst., in anhydrous liquid wax compns., Microflex M4)

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L4 ANSWER 36 OF 157 CA COPYRIGHT 2005 ACS on STN  
 AN 111:156124 CA  
 ED Entered STN: 28 Oct 1989  
 TI Coating-protecting agents  
 IN Kanazawa, Izuki; Nishihara, Akira; Okita, Hiroshi; Matsushima, Yasunobu  
 PA Nihon Parkerizing Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 IC ICM C09D005-20  
 ICS C09D003-387; C09D003-733  
 CC 42-13 (Coatings, Inks, and Related Products)  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 01104671	A2	19890421	JP 1987-263343	19871019
PRAI JP 1987-263343			19871019	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 01104671	ICM	C09D005-20 ICS C09D003-387; C09D003-733

AB The title agents mainly comprise waxes and olefin-unsatd. carboxylic acid copolymers and are manufactured by dispersing them in **mineral spirit**-alc. mixts. Thus, **microcryst. wax** 14.7, oxidized polyethylene wax 3.5, (22:78) acrylic acid-ethylene copolymer 2.0, **mineral spirit** 71, and iso-PrOH 9 parts were heated at 85-95°, then cooled to room temperature under stirring to give a uniform and stable dispersion. Then, test pieces coated with melamine-alkyd resin white coating were coated with the dispersion at 10-μm thickness (dried film) to give test specimens, showing tack-free time at 25° and relative humidity 60% <15 min and good resistance to brake oil.  
 ST wax olefin copolymer coating protector; **mineral spirit**  
 alc coating protector  
 IT Petroleum spirits  
 RL: USES (Uses)  
     (alc. mixts., wax-olefin copolymer coating protectors dispersed in)  
 IT **Paraffin** waxes and Hydrocarbon waxes, uses and miscellaneous  
 RL: USES (Uses)  
     (coating-protector compns. containing olefin copolymers and, dispersed in  
     **mineral spirits**-alc. mixts.)  
 IT Coating materials  
     (olefin copolymer-wax dispersions in **mineral spirit**  
     -alc. mixts., for protection of coatings)  
 IT **Paraffin** waxes and Hydrocarbon waxes, uses and miscellaneous  
 RL: USES (Uses)  
     (microcryst., coating-protector compns. containing olefin copolymers and,  
     dispersed in **mineral spirits**-alc. mixts.)  
 IT 9010-77-9, Acrylic acid-ethylene copolymer 30376-06-8, Methacrylic acid-propylene copolymer  
 RL: USES (Uses)  
     (coating protectors, with waxes, dispersed in **mineral spirit**-alc. mixts.)  
 IT 67-63-0, Isopropanol, uses and miscellaneous 71-36-3, n-Butanol, uses  
 and miscellaneous  
 RL: USES (Uses)  
     (**mineral spirit** mixts., olefin copolymer-wax  
     coating protectors dispersed in)  
 IT 9002-88-4D, Polyethylene, oxidized  
 RL: USES (Uses)  
     (waxes, coating protectors, with olefin copolymers, dispersed in  
     **mineral spirit**-alc. mixts.)

L4 ANSWER 71 OF 157 CA COPYRIGHT 2005 ACS on STN  
AN 97:7934 CA  
ED Entered STN: 12 May 1984  
TI Composition for removing wax from skis  
IN Dashkova, L. A.; Khachaturov, G. A.; Elistratova, G. S.  
PA All-Union Design-Technological and Experimental-Construction Institute for  
Sporting and Tourist Products, USSR  
SO U.S.S.R.  
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1982, (7), 115.  
CODEN: URXXAF  
DT Patent  
LA Russian  
IC C09D009-00  
CC 42-10 (Coatings, Inks, and Related Products)  
Section cross-reference(s): 46

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 907044	A1	19820223	SU 1979-2858200	19791227
PRAI	SU 1979-2858200		19791227		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
SU 907044	IC	C09D009-00

AB The title composition is easy to use and affords increased adhesion of the sliding surface of the skis to wax on repeated application. The composition comprises **heptane** or white spirit 100, **paraffin** 20.75-30.0, and ceresin or **microcryst. wax** 1.25-3.3 parts.

ST wax removal ski; **heptane** wax removal ski; **mineral** spirit removal wax ski; **paraffin** soln wax removal ski; ceresin soln wax removal ski; white spirit wax removal ski

IT Ceresin  
**Paraffin** waxes and Hydrocarbon waxes, uses and miscellaneous  
RL: USES (Uses)

(**heptane** compns. containing, for wax removal from ski sliding surface)

IT Waxes and Waxy substances  
RL: REM (Removal or disposal); PROC (Process)  
(removal of, from ski sliding surface, **heptane**-wax composition for)

IT Petroleum spirits  
RL: USES (Uses)  
(solvent compns. containing, for wax removal from ski sliding surfaces)

IT Sporting goods  
(skis, wax removal from sliding surface of, **heptane**-wax composition for)

IT 142-82-5, uses and miscellaneous  
RL: USES (Uses)  
(solvent compns. containing, for wax removal from ski sliding surface)

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L6 ANSWER 5 OF 10 CA COPYRIGHT 2005 ACS on STN

AN 105:135696 CA

ED Entered STN: 18 Oct 1986

TI Polishing materials for wood floor

IN Chiba, Yasuo; Saito, Tomonao

PA Yushiro Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C09G001-08

CC 42-11 (Coatings, Inks, and Related Products)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 61115975	A2	19860603	JP 1984-237676	19841113
PRAI JP 1984-237676			19841113	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 61115975	ICM	C09G001-08

AB A polishing material for wood floors, which can be easily removed from a mop by water, comprises a mixture of a wax and a **nonionic surfactant** with HLB value 8-12 in a solvent. Thus, a composition comprising a **microcryst. wax** 5, montan wax 3, hardened tallow oil wax 2, polyoxyethylene nonylphenyl ether (HLB value 10.5) 2, and **mineral spirits** 88 parts was coated on a wood floor, dried at 25° and 65% relative humidity for 30 min to give a surface with gloss 8.6, static coefficient of friction 0.71, kinetic coefficient of friction 0.55, and required time for a water drop to be absorbed 40 min. The mop used for polishing was able to be reused after washing with water.

ST **microcryst wax** polishing compn; montan wax polishing compn; hydrogenated tallow wax polishing compn; polyethylene glycol ether polishing compn; floor polish wax **surfactant** mixt

IT Wood  
(floors, polishing compns. for, waxes containing **nonionic surfactants** as)

IT Tallow  
RL: USES (Uses)  
(hydrogenated, waxes, polishing compns. containing **surfactants** and, for wood floors)

IT Montan wax  
**Paraffin** waxes and Hydrocarbon waxes, uses and miscellaneous  
RL: USES (Uses)

(polishing compns. containing **surfactants** and, for wood floors)

IT Polishing materials  
(waxes containing **nonionic surfactants** as, for wood floors)

IT **Paraffin** waxes and Hydrocarbon waxes, uses and miscellaneous  
RL: USES (Uses)  
(**microcryst.**, polishing compns. containing **surfactants** and, for wood floors)

IT **Surfactants**  
(**nonionic**, polyethylene glycol ethers or esters, polishing compns. containing, for wood floors)

IT 25322-68-3D, alkyl ethers or esters 26027-38-3  
RL: USES (Uses)

(polishing compns. containing, for wood floors)

IT 9002-88-4  
RL: USES (Uses)  
(waxes, polishing compns. containing **surfactants** and, for wood floors)

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L6 ANSWER 3 OF 10 CA COPYRIGHT 2005 ACS on STN  
AB Applicators containing cationic **surface active** agents, hydrophobic barrier-forming materials and antimicrobial compds. which form, upon application to dental surfaces, a protective and bacteria-inhibiting film are disclosed. **Xylene** 43, **microcryst. wax** 5, and **paraffin** oil 2 g, were heated to 50° and mixed until a clear solution was produced. The mixture was allowed to cool to room temperature and 0.125 g of N-tallow-1,2-propane diamine (Duomeen TDO) was admixed by stirring. A cotton-tipped applicator was dipped into this mixture and the solvent was allowed to evaporate at 50°, then the coated applicator was rubbed against tooth surface until a smooth and water-repelling film was obtained. The film thus formed had hydrophobic and antibacterial properties.

IT **Paraffin** waxes and Hydrocarbon waxes, biological studies  
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)  
(microcryst., methods, compns., and dental delivery systems for the protection of the surfaces of teeth)

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L6 ANSWER 3 OF 10 CA COPYRIGHT 2005 ACS on STN  
AN 125:204144 CA  
TI Methods, compositions, and dental delivery systems for the protection of the surfaces of teeth

IN Homola, Andrew M.; Dunton, Ronald K.

PA USA

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9622078	A1	19960725	WO 1995-US16393	19951227
	W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5665333	A	19970909	US 1995-373946	19950117
	CA 2210261	AA	19960725	CA 1995-2210261	19951227
	AU 9646005	A1	19960807	AU 1996-46005	19951227
	AU 695467	B2	19980813		
	EP 805672	A1	19971112	EP 1995-944124	19951227
	EP 805672	B1	20040825		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
	CN 1176594	A	19980318	CN 1995-197676	19951227
	JP 10512567	T2	19981202	JP 1996-522253	19951227
	BR 9510536	A	19981215	BR 1995-10536	19951227
	AT 274339	E	20040915	AT 1995-944124	19951227
	EP 1486197	A2	20041215	EP 2004-19582	19951227
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
	ES 2227565	T3	20050401	ES 1995-944124	19951227
	US 5980868	A	19991109	US 1996-620361	19960322
PRAI	US 1995-373946	A	19950117		
	EP 1995-944124	A3	19951227		
	WO 1995-US16393	W	19951227		

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9882 PUMICE

L14 3 L13 AND PUMICE

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L14 ANSWER 1 OF 3 USPATFULL on STN

TI Use of repeat sequence protein polymers in personal care compositions

L14 ANSWER 2 OF 3 USPATFULL on STN

TI Chemical composition

L14 ANSWER 3 OF 3 USPATFULL on STN

TI New cosmetic, personal care, cleaning agent, and nutritional supplement  
compositions and methods of making and using same